

# Audi A3 1996 to 2003 wiring diagrams

## Key to circuits

*Diagram 1:* Information for wiring diagrams.

*Diagram 2:* Starting and charging, airbag and radio with CD player.

*Diagram 3:* Horn, electric windows and electric mirrors.

*Diagram 4:* Central locking control unit and interior lights, sunroof, cigarette lighter, typical radiator fan without air conditioning and diagnostic connector supply.

*Diagram 5:* ABS, heater blower, heated rear window, wash/wipe, brake lights and reversing lights.

*Diagram 6:* Headlights, licence plate lights, tail lights and side lights, rear fog light, hazard warning lights and direction indicators.

*Diagram 7:* Headlight leveling, lighting rheostat, front fog lights and air conditioning.

*Diagram 8:* Radiator fan with air conditioning, heated seats, electric seats and glove box light.

*Diagram 9:* Instrument panel.

**Wiring colours**

Bk	Black	Or	Orange
B1	Blue	Rd	Red
Br	Brown	Vl	Violet
G	Grey	Wh	White
Gn	Green	Ye	Yellow

**Key to items**

- 1 Battery
- 2 Ignition switch
- 3 Main fuse box
- 4 Battery fuse box
- 5 Relay plate
- 6 Alternator
- 7 Starter motor
- 8 Airbag control unit
- 9 Steering wheel clock spring

- 10 Driver's airbag
- 11 Passenger's airbag
- 12 Driver's crash sensor
- 13 Passenger's crash sensor
- 14 RH rear seatbelt tensioner
- 15 LH rear seatbelt tensioner
- 16 Driver's seatbelt tensioner
- 17 Passenger's seatbelt tensioner
- 18 Driver's side airbag

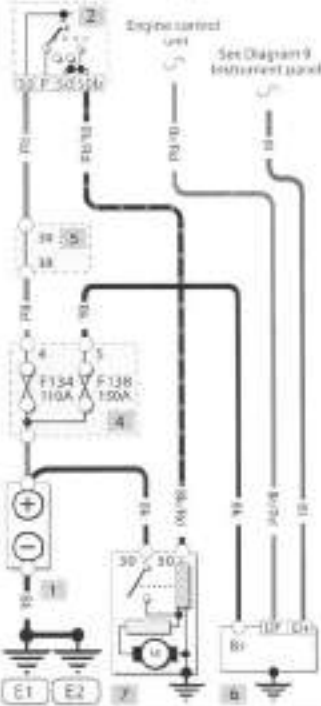
- 19 Passenger's side airbag
- 20 Driver's curtain airbag
- 21 Passenger's curtain airbag
- 22 Diagnostic connector
- 23 Amplifier with bass speaker
- 24 Mobile phone connector
- 25 Radio
- 26 Amplifier
- 27 CD player

**Diagram 2**

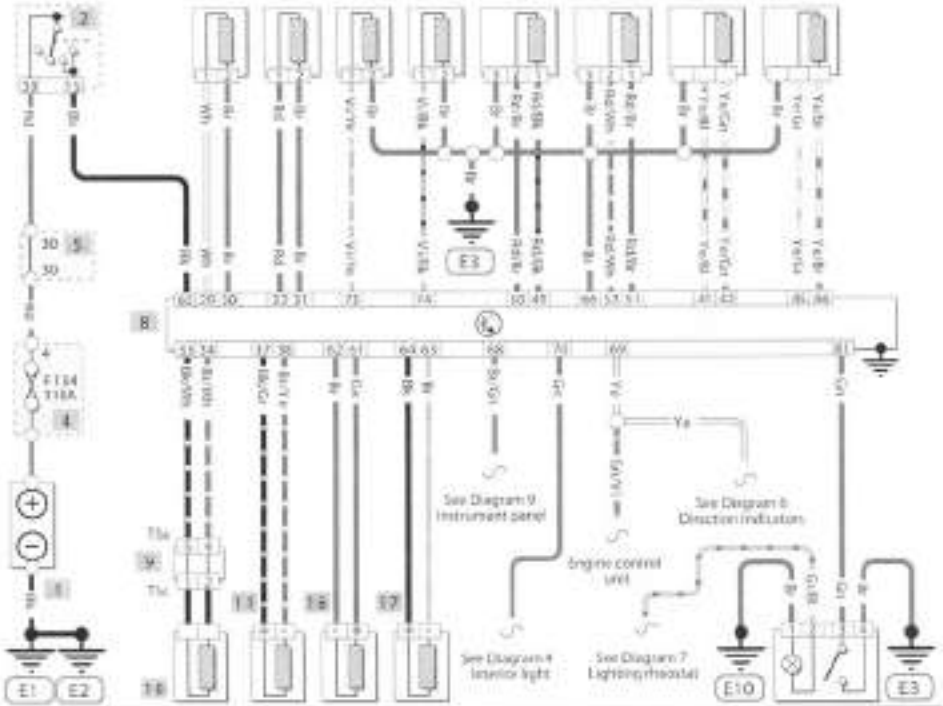
- 28 Aerial
- 29 RH front speaker
- 30 RH front tweeter
- 31 LH front speaker
- 32 LH front tweeter
- 33 RH rear speaker
- 34 LH rear speaker

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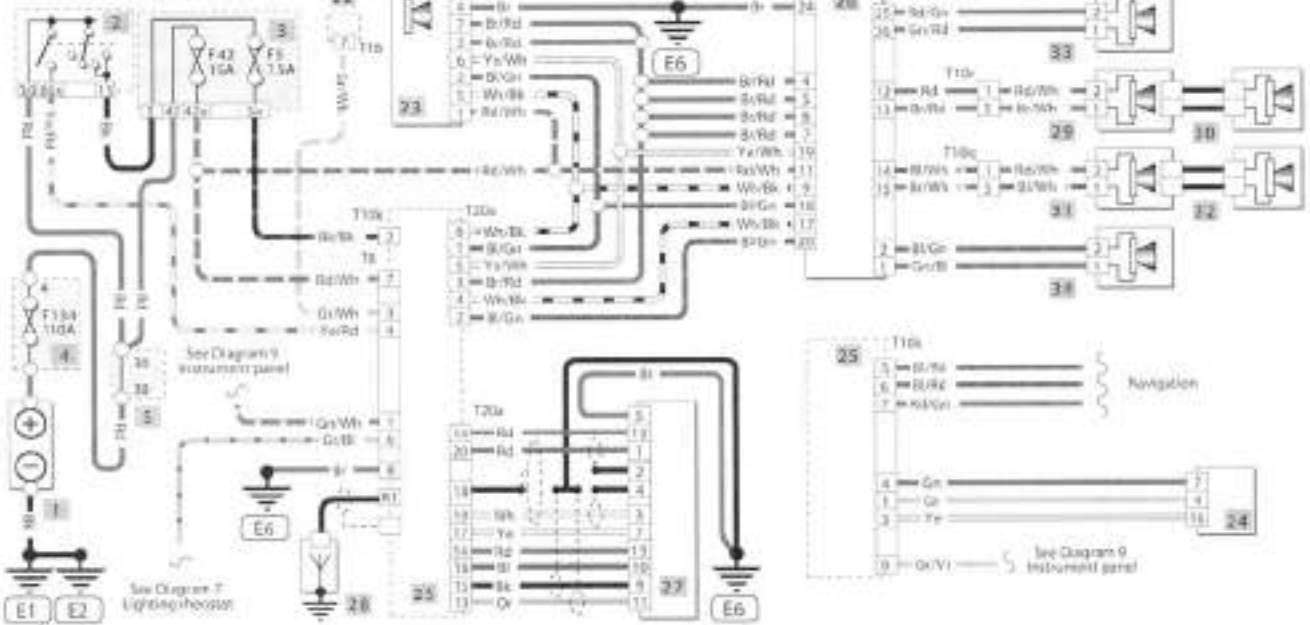
**Starting and charging**



**Airbag**



**Radio with CD player**



**Wiring colours**

Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vl	Violet
Gr	Grey	Wh	White
Gn	Green	Ye	Yellow

**Key to items**

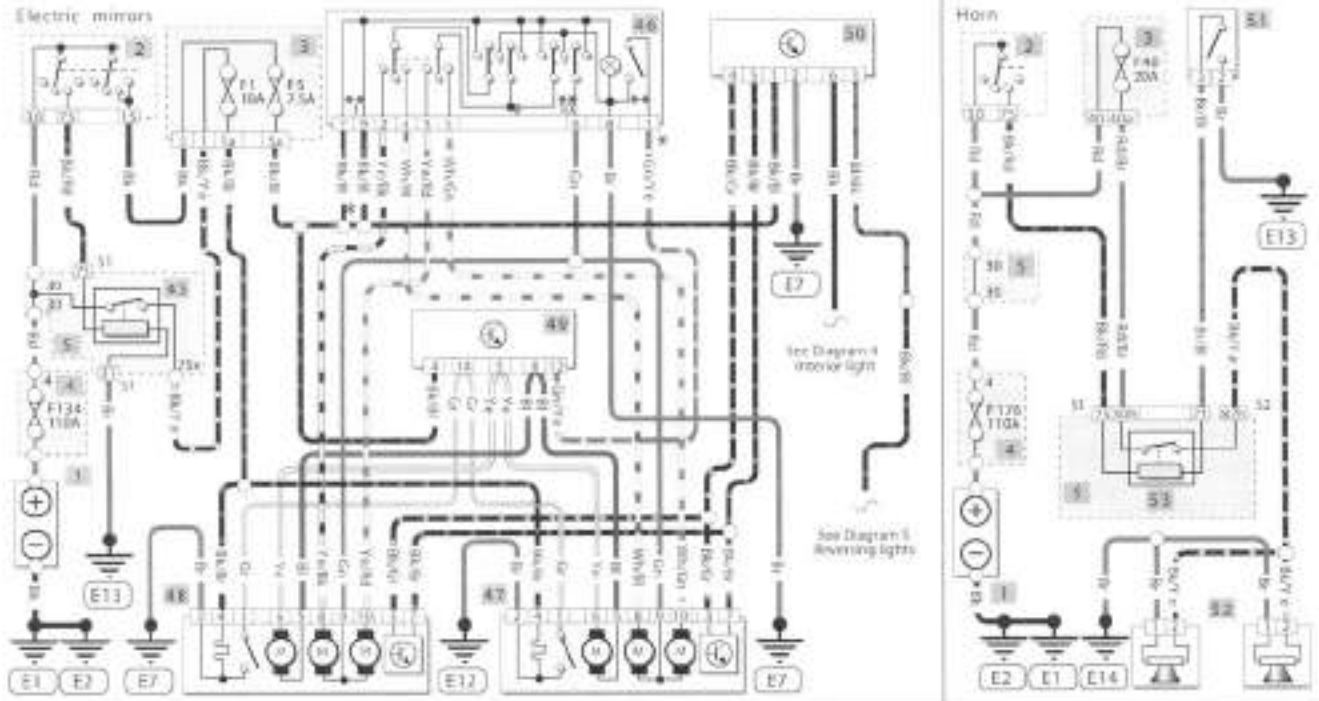
- |  |   |   |
|--|---|---|
| 1 Battery                                  | 37 Passenger's electric window switch       | 45 Y contact relay                      |
| 2 Ignition switch                          | 38 Driver's door unit with window motor     | 46 Mirror adjustment switches           |
| 3 Main fuse box                            | 39 Driver's electric window switch unit     | 47 Driver's mirror heater and motors    |
| 4 Battery fuse box                         | 40 Central locking unit                     | 48 Passenger's mirror heater and motors |
| 5 Relay plate                              | 41 LH rear door window motor                | 49 Folding mirror control unit          |
| 35 Electric window fuse                    | 42 LH rear door electric window switch unit | 50 Automatic rear view mirror           |
| 36 Passenger's door unit with window motor | 43 LH rear door window motor                | 51 Horn switch                          |
|  | 44 LH rear electric window switch unit      | 52 Horns                                |
|  |   | 53 Horn relay                           |

**Diagram 3**

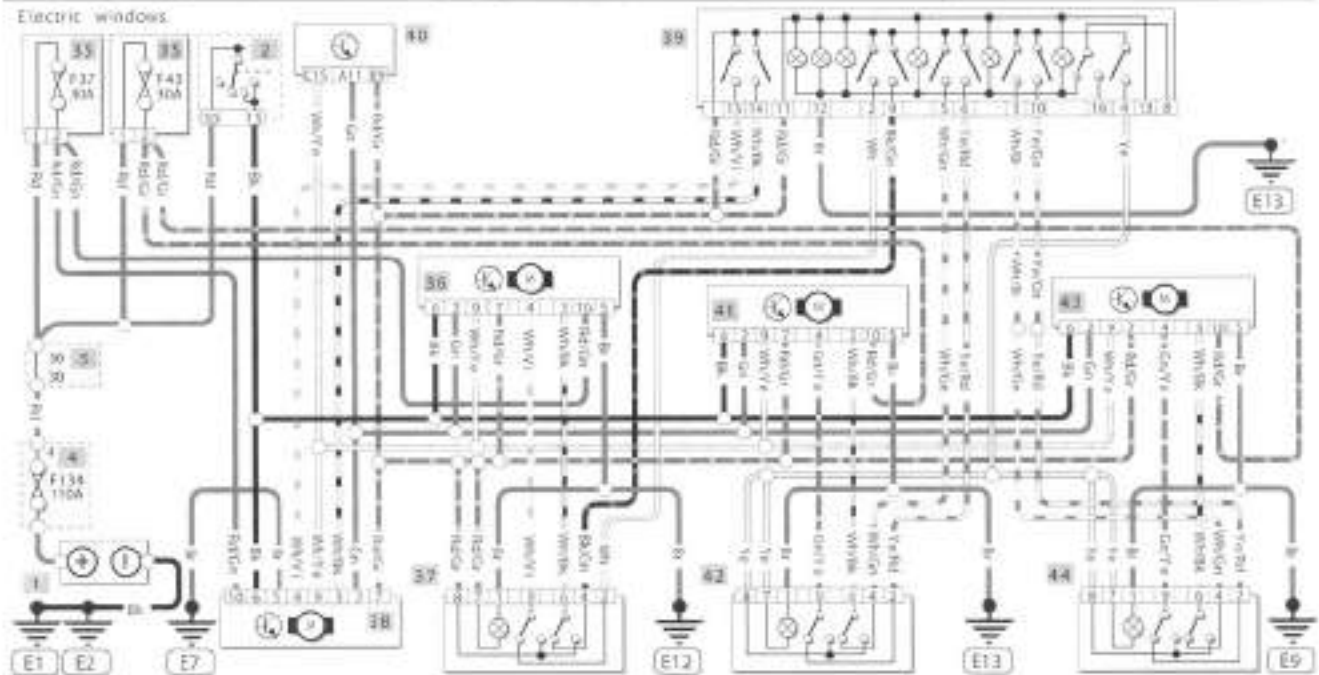
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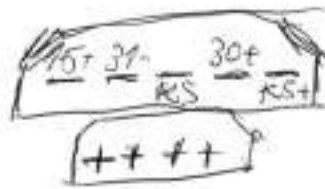
\* 4 door only  
\*\* 2 door only

**Electric mirrors**



**Electric windows**





**Wiring colours**

Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vl	Violet
Gr	Grey	Wh	White
Grn	Green	Ye	Yellow

**Key to items**

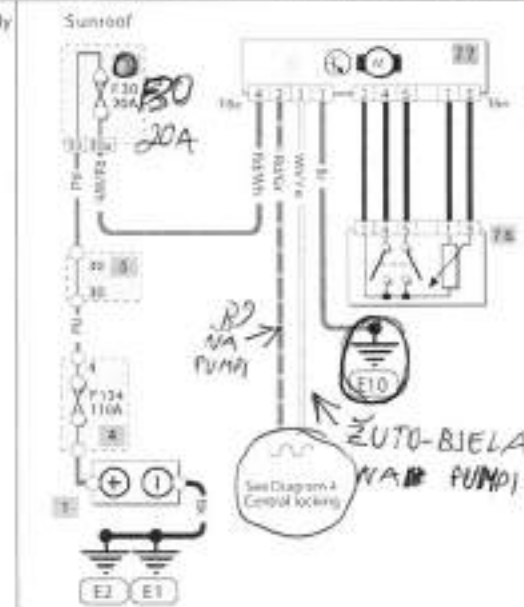
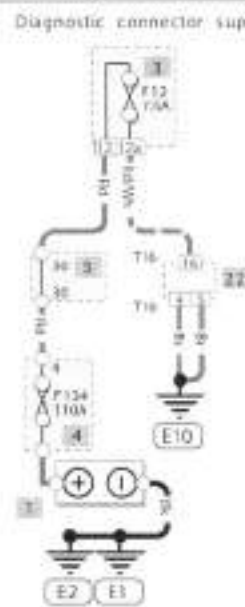
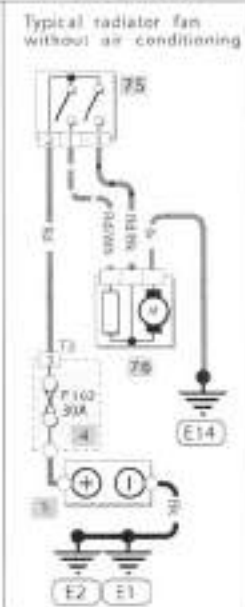
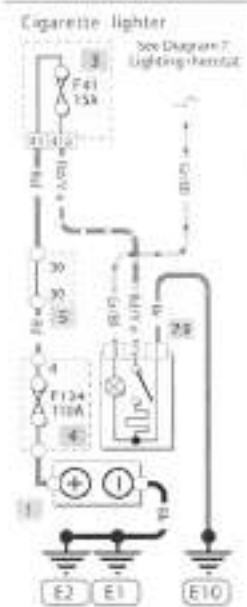
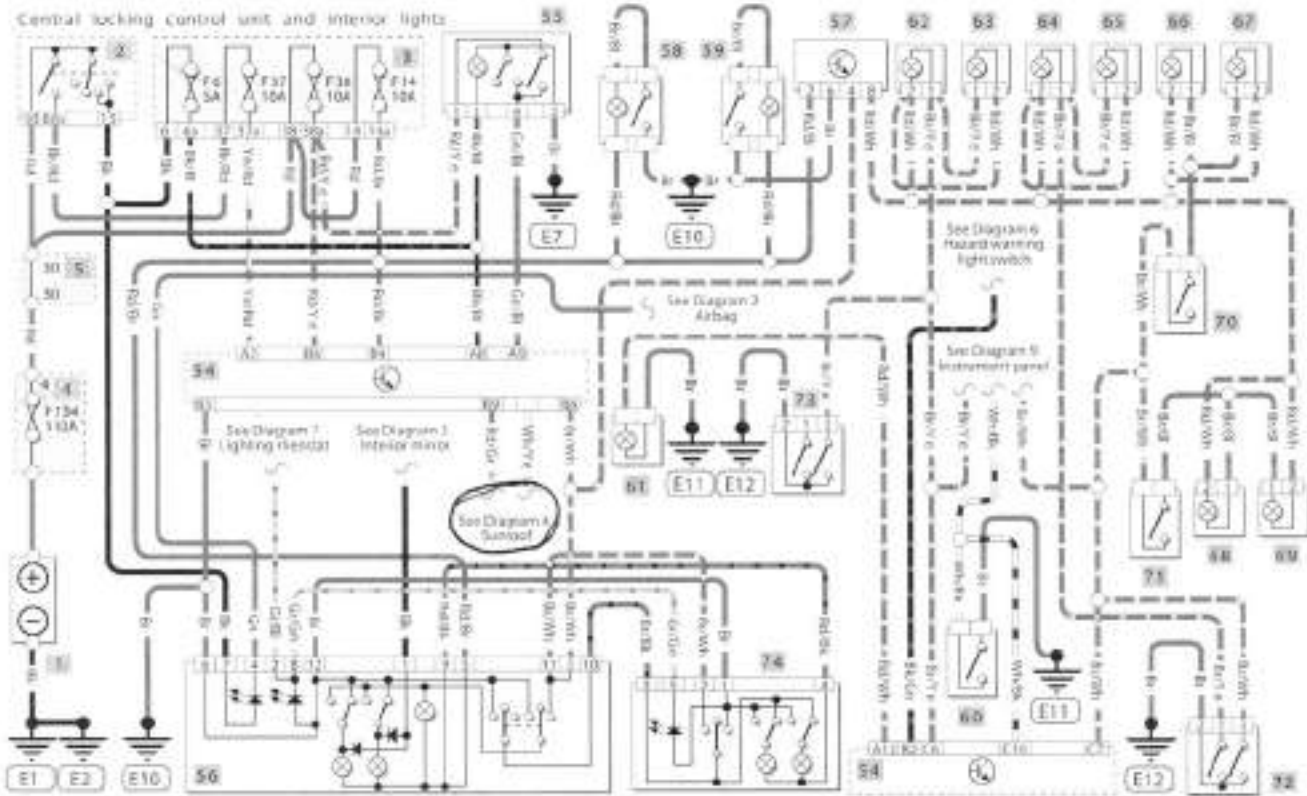
- 1 Battery
- 2 Ignition switch
- 3 Main fuse box
- 4 Battery fuse box
- 5 Relay plate
- 22 Diagnostic connector
- 53 Central locking control unit
- 55 Internal central locking switch

- 56 Interior light
- 57 Door warning light control unit
- 58 Driver's mirror light
- 59 Passenger's mirror light
- 60 Tailgate switch
- 61 Luggage compartment light
- 62 Driver's footwell light
- 63 Driver's door warning light

- 64 Passenger's footwell light
- 65 Passenger's door warning light
- 66 LH rear footwell light
- 67 LH rear door warning light
- 68 RH rear footwell light
- 69 RH rear door warning light
- 70 LH rear door switch
- 71 RH rear door switch

- 72 Passenger's door switch
- 73 Driver's door switch
- 74 Rear interior light
- 75 Radiator fan switch
- 76 Radiator fan
- 77 Sunroof
- 78 Sunroof switch
- 79 Cigarette lighter

**Diagram 4**



## INSTRUCTIONS REGARDING DIAGRAM 4

### CONNECTING SUNROOF MOTOR

You need to know the location of MAIN FUSE BOX(drivers side-plastic cover on the left of the steering wheel), and CENTRAL LOCKING CONTROL UNIT(pump is located in the trunk above the rear left wheel).

Sunroof motor has 4 usable contacts, 5th isnt used. Contacts are

- 15+ (1),
- -31 (2),
- KS (3),
- 30+ (4).

ON SOME MOTORS CONTACTS 1(one) and 2(two) MIGHT BE swapped.

This motor has swapped contacts if we look at the diagram of the sunroof where contact 1(one) is earth connection(Brown wire – BR) and contact 2(two) is B9 on the central locking control unit -> FOR WHICH I DISCOVERED you just connect to MAIN Fuse BOX on F15 location(5A fuse).

So connecting the motor with this contacts goes as follows:

15+ (Rd/Gr – red/green wire) connected to MAIN FUSE BOX on F15 location(5a fuse)- you can connect to a free 5a fuse if u want to.

-31 (BR – brown wire) connected to earthing connection where is the most convenient(i connected it to the brown wired connector left from the drivers feet position)

KS (Wh/Ye – white/yellow wire) connected to second connector on the locking pump where the white/yellow wire is connected (i believe thats the convinience locking pin)

30+ (Rd/Wh – red/white wire) connected to MAUN FUSE BOX on F30 location OR SOME OTHER 20A FUSE

Connected in this way, the motor works like intended.

**Wiring colours**

Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vl	Violet
Gr	Grey	Wh	White
Gn	Green	Ye	Yellow

**Key to items**

1	Battery	81	Traction control switch	90	Resistor pack	100	LH rear light cluster
2	Ignition switch	82	LH front wheel speed sensor	91	Blower motor	a)	brake light
3	Main fuse box	83	LH rear wheel speed sensor	92	Air recirculation flap motor	b)	reversing light
4	Battery fuse box	84	RH front wheel speed sensor	93	Rear wiper motor	101	RH rear light cluster (as 100)
5	Relay plate	85	RH rear wheel speed sensor	94	Washer pump	102	High level brake light
22	Diagnostic connector	86	ABS pump	95	Intermittent wiper control	103	Reversing light switch
45	3 contact relay	87	Heater controls	96	Windscreen wiper motor		
85	ABS control unit	88	Heated rear window	98	Wash/wipe switch		
		89	Heated rear window relay	99	Brake light switch		

**Diagram 5**

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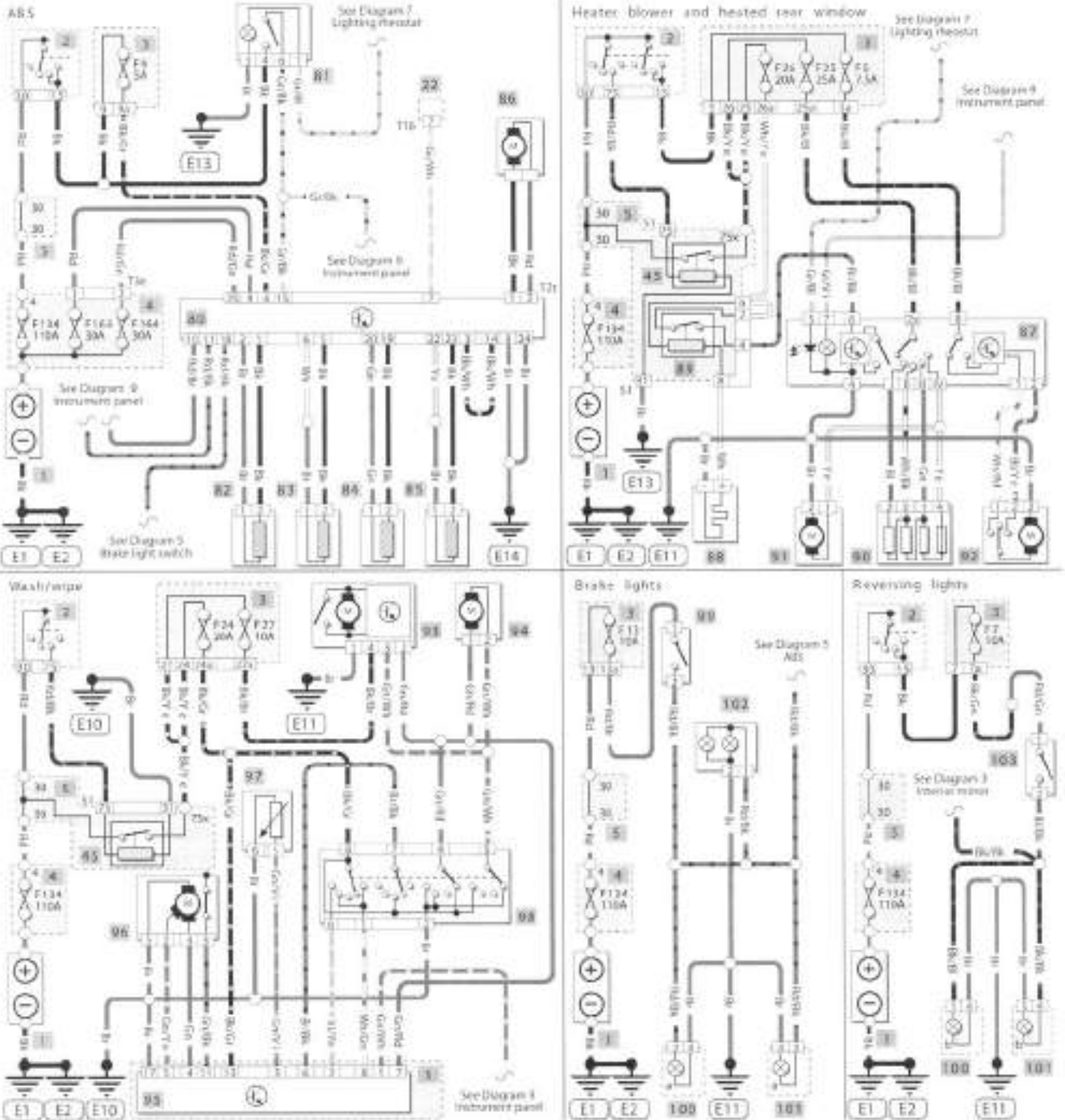


Diagram 6

Wiring colours

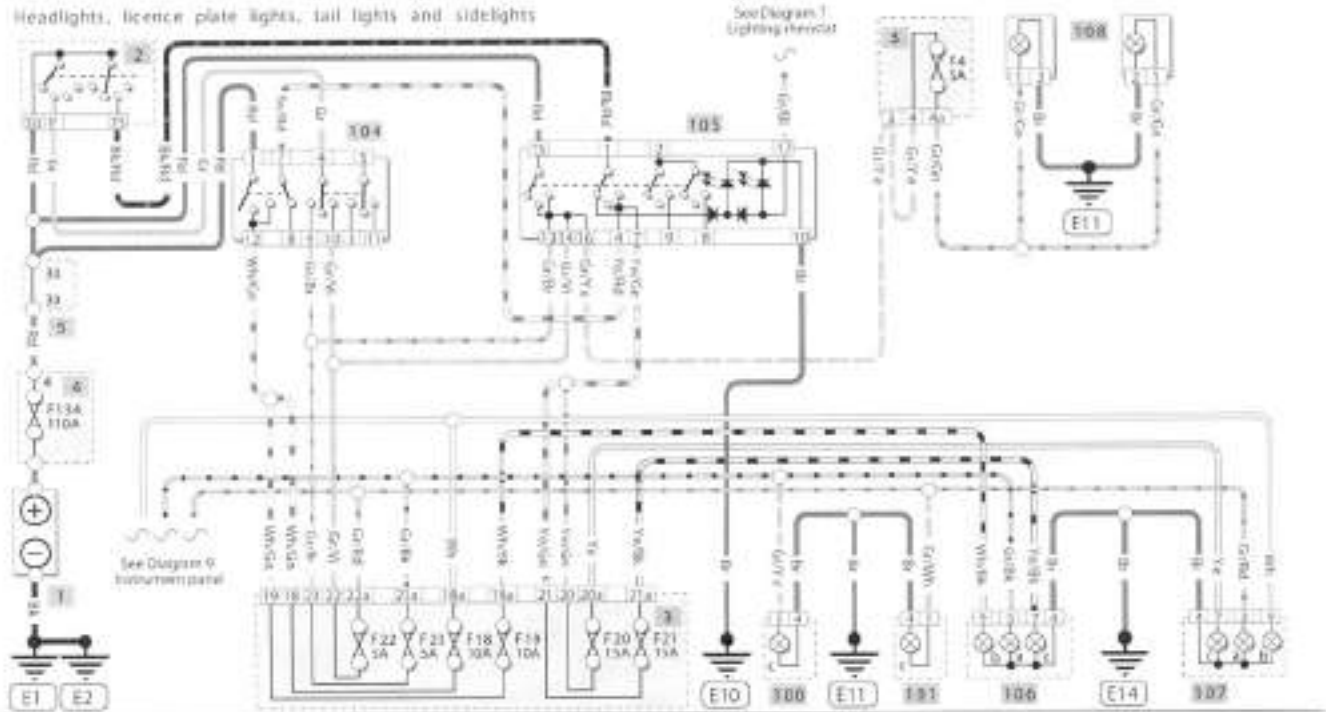
Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vl	Violet
Gr	Grey	Wh	White
Grn	Green	Yl	Yellow

Key to items

1	Battery	100	LH rear light cluster	104	LH multifunction stalk	107	RH headlight cluster
2	Ignition switch	c	tail light	105	LH headlight cluster	(a) 100	
3	Main fuse box	e	direction indicator	a	sidelight	108	Licence plate lights
4	Battery fuse box	105	RH rear light cluster	b	main beam	109	Combined hazard warning
5	Relay plate	c	tail light	c	dipped beam	light switch and indicator relay	
45	X contact relay	d	fog light	d	direction indicator	110	LH side indicator
		e	direction indicator			111	RH side indicator

M75  
15000

Headlights, licence plate lights, tail lights and sidelights





**Wiring colours**

Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vi	Violet
Gr	Grey	Wh	White
Gn	Green	Ye	Yellow

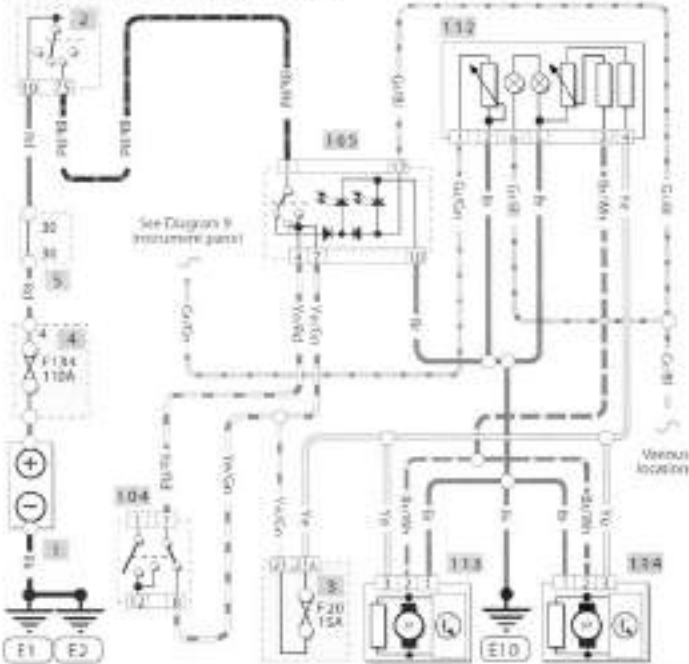
**Key to items**

1	Battery	104	LH multifunction stalk
2	Ignition switch	105	Light switch
3	Main fuse box	106	LH headlight cluster
4	Battery fuse box	a)	fog light
5	Relay plate	107	RH headlight cluster
22	Diagnostic connector	(as 106)	
45	X contact relay	112	Headlight range switch and lighting rheostat
91	Blower motor		

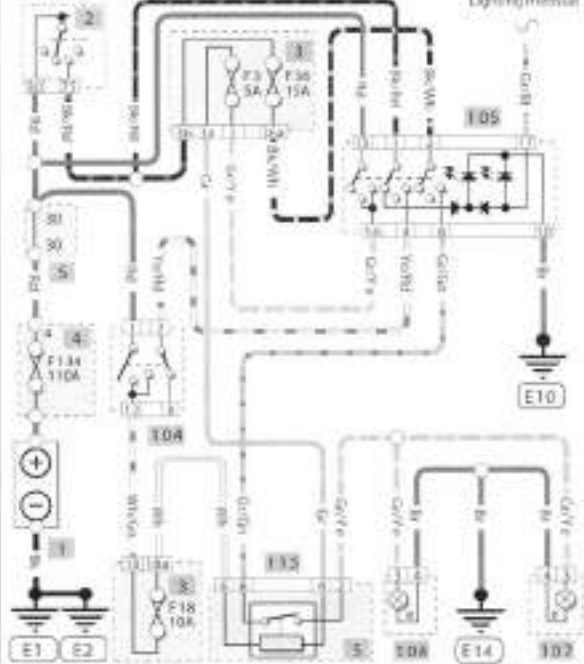
**Diagram 7**

113	LH headlight motor	121	Air flow flap motor
114	RH headlight motor	122	Temperature flap motor
115	Front fog light relay	123	Central flap motor
116	Air conditioning unit	124	Footwell vent flap motor
117	Blower control unit	125	Footwell vent temperature sensor
118	Temperature sensor fan	126	Intake air temperature sensor
119	Glove box light	127	Ambient temperature sensor
120	Sunlight sensor	128	Dash panel temperature sensor

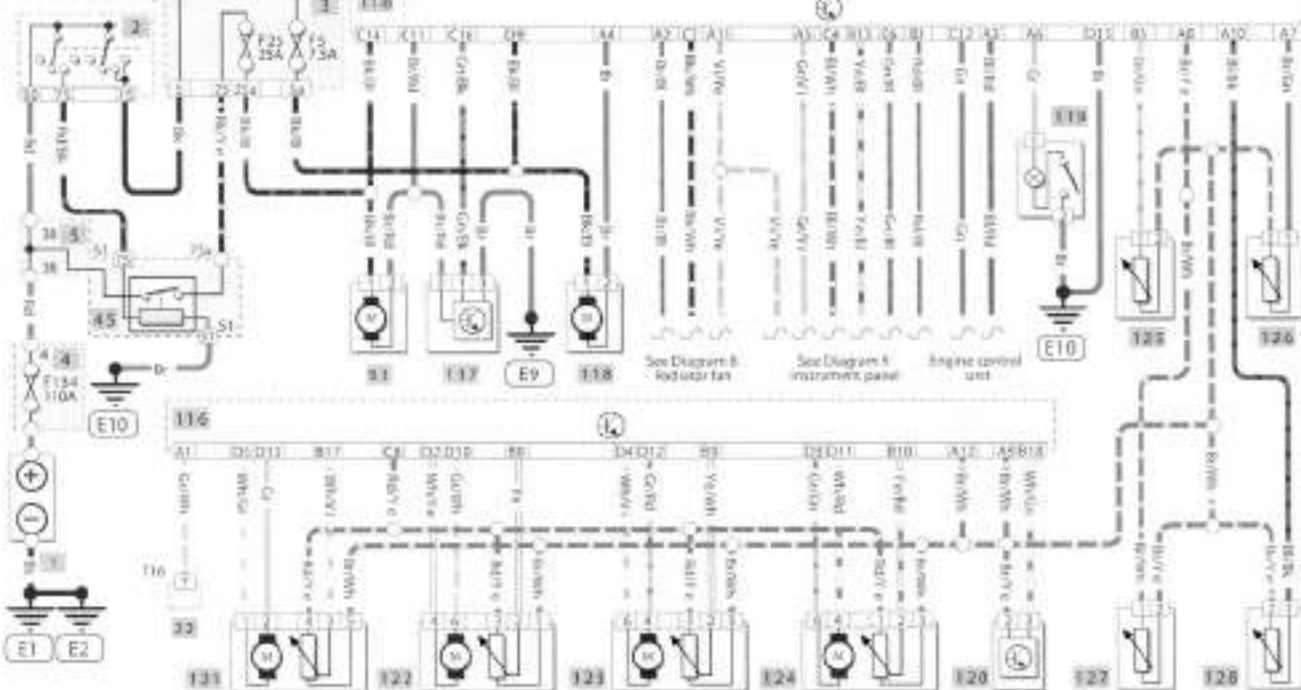
**Headlight leveling, lighting rheostat**



**Front fog lights**



**Air conditioning**





**Wiring colours**

Bl	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vl	Violet
Gr	Grey	Wh	White
Grn	Green	Ye	Yellow

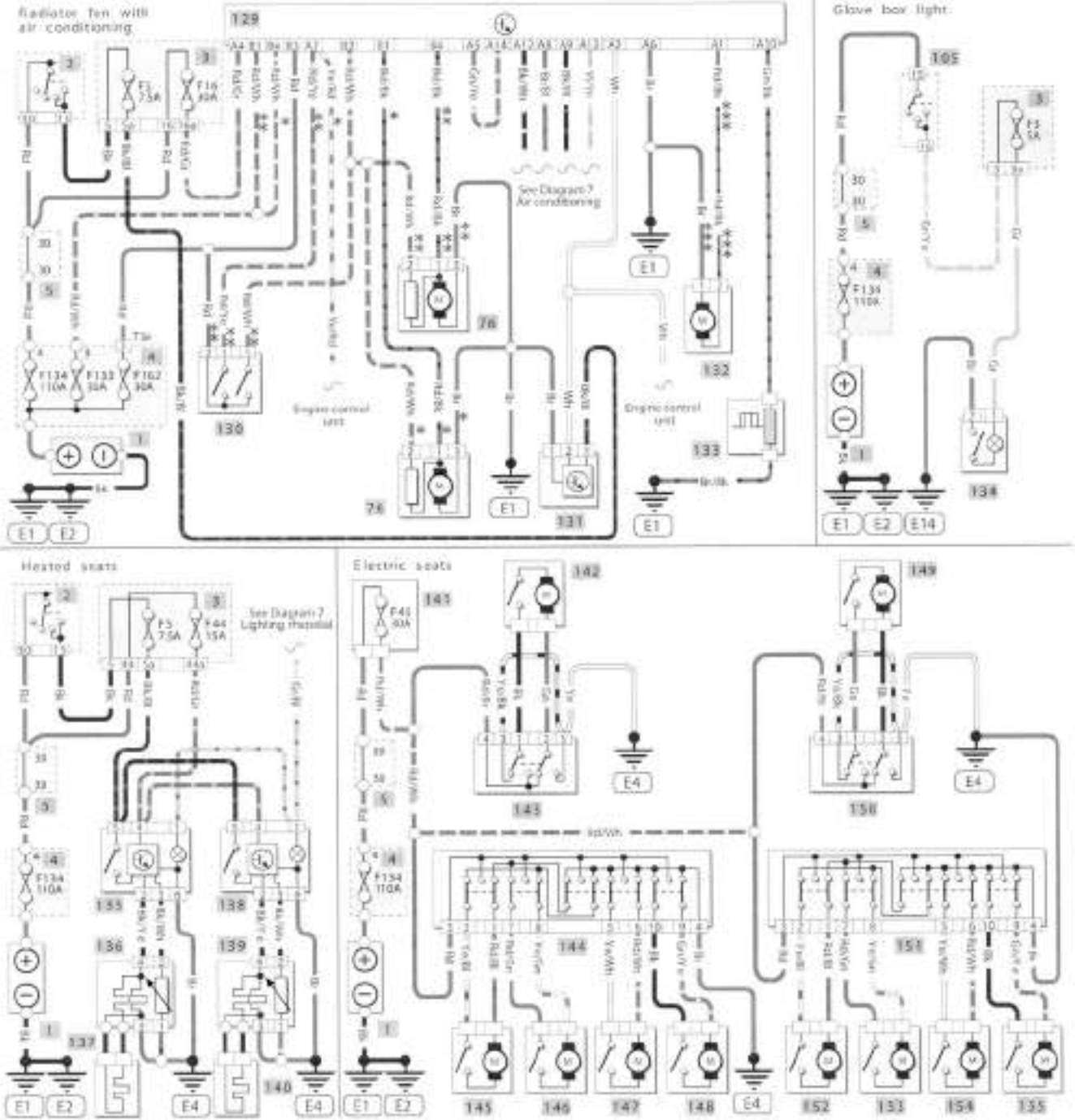
**Key to items**

- |                               |  |                                       |
|-------------------------------|--|---------------------------------------|
| 1 Battery                     | 132 Coolant pump                                   | 141 Seat adjustment fuse              |
| 2 Ignition switch             | 133 Air conditioning clutch                        | 142 RH lumbar support motor           |
| 3 Main fuse box               | 134 Glove box light                                | 143 RH lumbar support switch          |
| 4 Battery fuse box            | 135 Driver's heated seat switch                    | 144 RH seat adjustment switch         |
| 5 Relay plate                 | 136 Driver's seat heater and temperature sensor    | 145 RH rear height adjustment motor   |
| 22 Diagnostic connector       | 137 Driver's seat back heater                      | 146 RH front height adjustment motor  |
| 76 Radiator fan               | 138 Passenger's heated seat switch                 | 147 RH longitudinal adjustment motor  |
| 105 Light switch              | 139 Passenger's seat heater and temperature sensor | 148 RH seat backrest adjustment motor |
| 129 Radiator fan control unit | 140 Passenger's seat back heater                   | 149 LH lumbar support motor           |
| 130 Radiator fan switch       |  | 150 LH lumbar support switch          |
| 131 High pressure sensor      |  | 151 LH seat adjustment switch         |

\* APV only  
 \*\* Not APV  
 \*\*\* APV only

**Diagram 8**

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Wiring colours

Bk	Black	Or	Orange
Bl	Blue	Rd	Red
Br	Brown	Vi	Violet
Gr	Grey	Wh	White
Grn	Green	Yl	Yellow

Key to items

- |     |                            |     |                                  |
|-----|----------------------------|-----|----------------------------------|
| 1   | Battery                    | 157 | Oil level sensor                 |
| 2   | Ignition switch            | 158 | Oil pressure switch              |
| 3   | Main fuse box              | 159 | Brake fluid level warning switch |
| 4   | Battery fuse box           | 160 | Driver's seatbelt switch         |
| 5   | Relay plate                | 161 | Coolant level sensor             |
| 22  | Diagnostic connector       | 162 | Brake pad wear sensor            |
| 127 | Ambient temperature sensor | 163 | Handbrake warning switch         |
| 156 | Instrument panel           |     |                                  |

- Air conditioning only
- Rear conditioning

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Instrument panel

